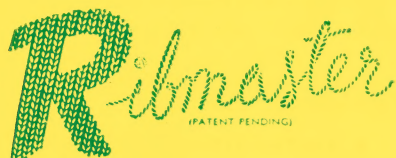


INSTRUCTION BOOK FOR



AUTOMATIC RIBBING ATTACHMENT

for

KNITMASTER 3500 and 4500

HOME KNITTING

MACHINE



3/6



AUTOMATIC RIBBING ATTACHMENT

A KNITMASTER PRODUCTION!

INSTRUCTION MANUAL

for using the Ribmaster with Knitmaster Models 3500 & 4500

KNITMASTER PTY. LTD.

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INTRODUCTION TO THE RIBMASTER

What is the Ribmaster? The Ribmaster is the Automatic Ribbing Attachment which enables you to knit *automatically* practically any rib on your Knitmaster. Up to now *automatic* ribbing was only possible on costly double bed machines and with devices using Combs, Weights and Clamps. On single bed machines of the Knitmaster type, ribbing could only be produced with the aid of Hand Tools which, although a reliable method, was *not* automatic or speedy enough for many knitters.

A further advantage of the Ribmaster is the fact that your ribbing is *completely visible* all the time, being produced right in front of you at the edge of the table, instead of being pulled down with Weights and Combs and coming out of the machine between two beds—no need for “blind” ribbing with the Ribmaster!

INSTRUCTIONS FOR FITTING RIBMASTER TO KNITMASTER

Remove both Cam Boxes by removing a stop screw at the end of each machine. Turn the Knitmaster upside down on the table and, with the Box Spanner provided, remove the four nuts and washers at each end of the base of the machine. Place the Ribmaster brackets over the four screws, with the rubber feet towards the front of the machine. Replace the washers and nuts, and leave the nuts slightly loose, as an adjustment may have to be made. Turn the Knitmaster right side up on the table.

Hold the Ribmaster firmly in both hands, facing towards you, and press in the spring clips at each end. Slide the plated lugs into the Ribmaster brackets, tipping the Ribmaster slightly backwards, then allow the lugs to fit down over the positioning pin in the brackets. Release the spring clips. It is important that both ends of the Ribmaster are slipped into place at the same time.

Bring about half a dozen needles into working position in the centre of the Ribmaster Needle Bed. These needles should be sitting directly between the Sinkers of the Knitmaster, and if the needle heads appear to be too near the Sinkers on either side, the position of the Ribmaster can be altered accordingly. The screws holding the Ribmaster brackets can now be tightened up. The brackets do not have to be removed. To remove the Ribmaster, press in both spring clips, tip the Ribmaster slightly backwards, and slide the Ribmaster lugs out. Replace both Cam Boxes.

FIXING AND USING THE WOOL POSITIONERS

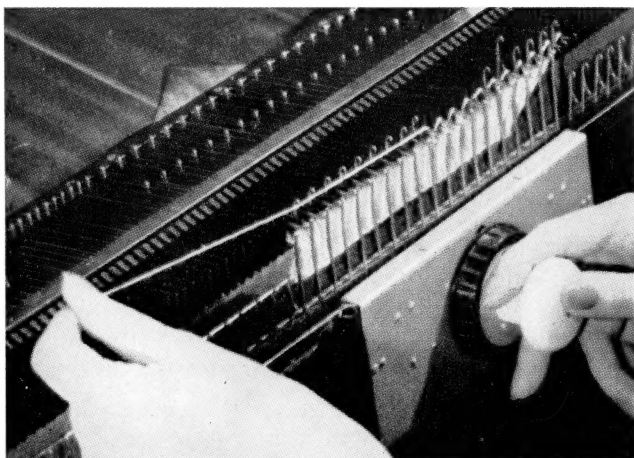
The Wool Positioners are used to guide the wool into the heads of the Ribmaster Needles, and are of assistance, mainly, to the beginner. Their use is optional.

To fix the Positioners, remove the end screw in the plain

part of the Needle Bed, above the top Slider Rail. Screw in the Positioner, inserting the shorter end of the shaft, below the nut. The round nut on the top of the Positioner can be used to adjust the tension at which the wool slides through, and it should never be so tight as to cause the wool to pull.

CASTING ON BY THE SIMPLE METHOD

Bring up the required number of needles in the Ribmaster, and run the Cam Box over to place them in W.P., have the Cam Box at the left, and set the Tension Dial on No. 1. The spot on the handle of the Cam Box should be at the top, and the small half-moon cut-out showing above the dial. Bring up the Knitmaster needles between the Ribmaster needles in use, and have a Knitmaster needle at either end. Run the Cam Box over to place the needles in W.P., and have the Cam Box on the left, with the Tension Dial on No. 1. Lay the wool over the needles, and run the Knitmaster Cam Box over to the right, and follow



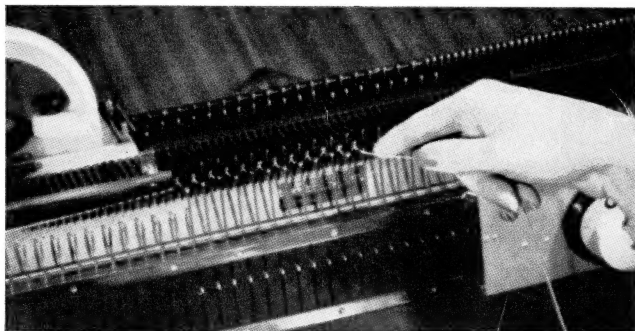
Picture 1.

over with the Ribmaster Cam Box. Set the tensions with the Ribmaster on No. 6 and the Knitmaster on No. 4. (These tensions are for practice only, and can be varied as required, but it is important that the Ribmaster is always set two degrees greater than the Knitmaster.) Lay the wool over the needles, holding it slightly back, so that it lies well into the heads of the Ribmaster needles. (See Picture 1.) Run the Ribmaster Cam Box over first, to knit the purl stitches, and follow over with the Knitmaster Cam Box to knit the plain. Continue for the number of rows required.

CASTING ON BY THE FIRM EDGE METHOD

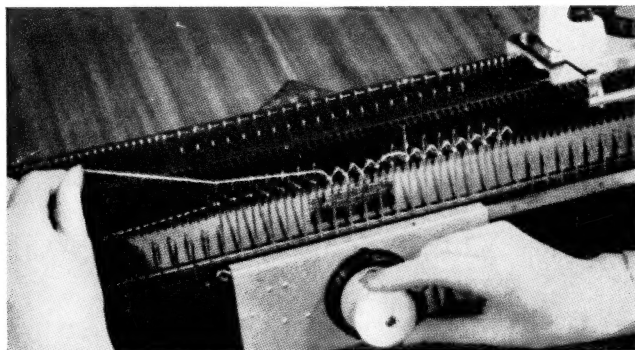
Bring up the required number of needles in the Ribmaster, and have them in W.P., with the Ribmaster Cam Box on the

right, and the latches of the needles in the half-closed position. Then bring up the Knitmaster needles, as required, into W.P. with the Cam Box on the left, and tension on No. 1 as usual. Wind the wool round the first Knitmaster needle, anti-clockwise, and under the Sinker, as usual, then clockwise, and below the latch of the Ribmaster needle, and under the Sinker. (See Picture 2.) Make sure that the cast-on is wound firmly. Run the



Picture 2.

Knitmaster Cam Box over to the right, putting the Knitmaster stitches behind the latches. Set the Ribmaster tension on No. 6 and the Knitmaster tension on No. 4 as before. Lay the wool over the needles, taking care that it goes into the heads of the Ribmaster needles, and holding it slightly back as before. Run the Ribmaster Cam Box over to knit the purl stitches. The



Picture 3.

needles will come down, catching the wool, and pass right through the cast-on loop, to form a new stitch. (See Picture 3.) If they do not pass through the loop, the cast on is too loose, and should be wound more firmly. This can be offset by using tension No. 7 for the first row, but it is better to wind the edge firmly. Then follow over with the Knitmaster Cam Box to knit the

plain. When the first row is knitted, the purl stitches will mostly all be on top of the latches of the Ribmaster needles, and the latches must be freed, by pushing up the needles slightly. Continue, as before, for the required number of rows. When the basque is completed, use the Work Hook to lift the stitches from the Ribmaster needles on to the corresponding needles of the Knitmaster, making sure the stitches are placed behind the latches of the needles. Then remove the Ribmaster, and continue with the knitting.

CASTING OFF

To cast off, transfer all Ribmaster stitches to the corresponding needles on the Knitmaster, and cast off by any of the usual methods.

VARIOUS OTHER RIBS

The lever on the Knitmaster Cam Box can be used to knit an attractive Fisherman's Rib. After doing a few rows of ordinary rib, put the lever down, and continue in exactly the same manner as before, and the Fisherman's Rib is automatically produced. To knit combination ribs, such as 3 Plain, 1 Purl, arrange the stitches on the needles, after knitting a few rows of ordinary rib, and set both tensions 2 degrees greater (suggested settings would be 6 Knitmaster and 8 Ribmaster). Lay the wool over the Knitmaster needles, and move the Knitmaster Cam Box first, then follow over with the Ribmaster Cam Box.

For a 3-ply, or Crochet wool, settings 6 and 4, as suggested, are quite suitable, or, for a firmer basque, Ribmaster 5 and Knitmaster 3. For 4-ply, and 5-ply Crepe, etc., use Ribmaster 7 and Knitmaster 5. For Sports wools and 6-ply, use Ribmaster 9 or 10, and Knitmaster 7.

If you require any help with your Ribmaster, visit the Knitmaster Showroom, or write to the Chief Demonstrator,

Knitmaster Pty. Ltd., 275 Clarence Street, Sydney.

or The Knitmaster Knitting Centre,

8th Floor, 323 Bourke Street, Melbourne.

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Knitmaster Double-Knits for Men and Women—containing patterns for Lady's Jumper and Coat and Man's Dolman Sweater and Casual Jacket—4 specially designed Quick-Knits in Heavy Sports wool—easier to knit the new Knitmaster way!

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The Knitmaster Jumper Book—contains patterns for 9 very attractive Jumpers for all occasions—easily made in 2 to 4 hours! Also a glamorous evening Stole knitted in less than half an hour!

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Children's Jerseys, Jumpers and Jackets Book—contains an attractive selection of useful garments for the 2-12 year olds.

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The Knitmaster Twin Set Book—contains a wide range of Twin Sets in sizes from 36-inch bust to outsize, in 2, 3 and 4-ply wools. Designed to suit all ages and tastes—stocking stitch classics, lacy patterns and cable features—all with the popular lines, including raglan, dolman, and tailored set-in sleeves—12 lovely garments in all!

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The Knitmaster Layette Book—contains a complete Layette from Booties to Rompers, including Pram Cover, Sleeping Bag, Shawls and Christening Dress—just everything for baby from birth to 12 months!

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The Knitmaster Man's Book—contains instructions for a really comprehensive selection of men's smart knitted wear—various Pullovers and Cardigans—an exclusive Sports Jacket, useful Lumber Jacket and novel Two-Way Waistcoat—even a Tie, Scarf, Gloves and Argyle Socks!

PRICE: 6/- plus 3½d. postage.

FURTHER NOTES

ON THE USE OF THE RIBMASTER

The knob-handle on the Ribmaster Cam Box can be turned to the right, raising the Stitch Sinker Cam, and this enables the Cam Box to pass over the needles without knitting the row. For ordinary knitting purposes the Spot on the handle should be at the top, and the knob should not be turned to the right.

The Lever on the side of the Ribmaster Cam Box can be used for knitting Brioche Rib, which is a thick double fabric stitch, and the centre knob is also turned in the knitting of this stitch. After knitting a few rows of K.1 P.1. rib, put down the Levers on both the Knitmaster and Ribmaster Cam Boxes. Lay the wool over the needles, and knit the row with the Knitmaster Cam Box first, turn the knob to the left, on the Ribmaster Cam Box, and pass it over, without knitting. Turn the knob back to knitting position, lay the wool over the needles, and pass the Ribmaster Cam Box over, and follow with the Knitmaster Cam Box.

TO INCREASE AND DECREASE WHILE THE RIBMASTER IS BEING USED

To increase a stitch while ribbing, make the first increase by bringing up a Knitmaster needle to W.P. and increase in the usual way, having two Knitmaster needles at the end of the row. For the next increase, transfer the end stitch to a Ribmaster needle, and make another increase on the Knitmaster, bringing the rib back into pattern.

To decrease while using the Ribmaster, transfer the end Ribmaster stitch on to its corresponding Knitmaster needle, then decrease by transferring the end Knitmaster stitch to the needle just brought into use, leaving two Knitmaster stitches at the end of the row. For the next decrease, transfer the end stitch to the next needle, making the decrease in the usual way.

CASTING OFF WHEN THE RIBMASTER IS IN USE

To cast off, the stitches must first be transferred to the Knitmaster, and the casting off done in the usual way.

TO PICK UP STITCHES ROUND A NECK EDGE, ETC.

With the purl side of the work facing, pick up the required number of stitches round the edge of the knitting, on to the Knitmaster, and tuck the work under the Sinkers. Knit one row on a small tension, approximately number 3 or 4. Attach the Ribmaster to the Knitmaster, transfer the required stitches to the Ribmaster needles. Set tensions as required, and proceed with the ribbing.

(cont. overleaf)

TO WORK A BUTTONHOLE ON THE RIBMASTER

Use a short length of contrasting wool, and lay it over the needles where the buttonhole is required. Operating the needles by hand, knit two Ribmaster and two Knitmaster stitches with the odd length of wool. Continue with the knitting, and when the work is being sewn up, the short length of wool can be drawn out, and the buttonhole completed with buttonhole stitch or chain stitch.

REVISED INSTRUCTIONS FOR FITTING THE RIBMASTER TO KNITMASTER

(applicable to NEW GOLDEN SUPERKNITMASTER only)

Hold the Ribmaster firmly in both hands, facing towards you, and press into the sockets provided on the Knitmaster. The bayonet type fitting normally should not need any adjustment, however, if needles on Ribmaster are not dead centre to the sinkers on the Knitmaster the bracket on the Knitmaster can be adjusted by loosening hexagon nuts and moving Ribmaster into central position.

The bayonet type fitting is an integral part of the Knitmaster and Ribmaster and normally should not need any adjustment.

